



Climate Action Team

Water Energy Subgroup

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CAT Subgroups

- Agriculture
- High GWP Gases
- Electricity
- Land-Use
- Forests
- Manufacturing
- General Combustion
- **WATER**
- Oil and Gas Production and Refining
- Goods Movement
- Recycling/Waste Management
- Government
- Vehicles-Engines
- Green Buildings



DRAFT Strategies and Measures

- Water Recycling
 - Goal to recycle 23% of municipal wastewater by 2030.
 - Require implementation of Water Recycling Plans at Wastewater Treatment Plants.
 - Greatest opportunity to save energy and reduce emissions exists in communities that import water.



DRAFT Strategies and Measures

- End Use Water Conservation & Efficiency
 - Establish water conservation and efficiency standards for both buildings and appliances that save both water and energy
 - Promote greater implementation of water conservation measures and best management practices to improve efficiency
 - Increase landscape irrigation efficiency and conservation
 - Increase agriculture irrigation efficiency and conservation



DRAFT Strategies and Measures

- Energy Intensity of Water System
 - Increase cost effective energy efficiency measures in water system infrastructure projects
 - Construct tools and protocols to evaluate, measure and verify the energy impacts of water system and end use conservation and efficiency activities/programs
 - Conduct research and demonstration projects that explore ways to reduce the energy intensity of the water use cycle and better manage the energy demand of the water system.



DRAFT Strategies and Measures

- Renewable Resources Development
 - Develop renewable projects including in-conduit hydroelectric small pump storage facilities, and solar and wind development opportunities that can be co-located with existing water system infrastructure.



Advisory Committee

- Provide feedback and guidance
- Help identify barriers and solutions
- Provide data, analyses and case studies
- Assist in defining implementation steps and schedule
- Assist in assessing potential reductions and how to measure them



Information

- Climate Action Team and Initiatives
 - http://www.climatechange.ca.gov/climate_action_team/index.html
- SWRCB Calendar
 - http://www.swrcb.ca.gov/board_info/calendar/2008.html
- DWR Water Plan
 - <http://www.waterplan.water.ca.gov/>